



## Titled: SIP socket lights for florist.

An apparatus comprising a bi-color light emitting diode having at least two terminals, a portable power source and a printed circuit board containing an integrated circuit. The light emitting diode, portable power source and printed circuit board can be combined by using a SIP socket so that in first configuration the bi-color LED is in a first state. The bi-color LED, portable power source and the printed circuit board can be combined in a second configuration such that the bi-color LED is in a second state, wherein the first state differs from the second state. This different state can be achieved by a florist plugging at least two terminals tightly into the SIP socket. The SIP socket may be replaced with a ZIF socket as long as there is some locking mechanism in place for the two terminals to be secured to the Printed Circuit Board.

2. The apparatus of claim 1, wherein the bi-color light emitting diode emits lights of a first color (first state) by placing at least two terminals in the SIP socket; and then switching to the second state where the bi-color light emitting diode emits light of a second color by switching the polarities of the aforementioned two terminals. In the third state the bi-color LED displays both the colors simultaneously, thus oscillating between the two colors again by plugging the two terminals into different SIP sockets.

3. The apparatus in claim 1, further comprising an attachment device called a SIP socket used to attach the bi-color light emitting diode and printed circuit board so that the desired color can be selected by the end user or agent, i.e. florist, to obtain different colors.

4. The apparatus of claim 3, where the object is a floral arrangement

5. A method comprising the steps of attaching an apparatus to an object; wherein the apparatus is comprised of a bi-color LED, a printed circuit board, and a power source. The bi-color LED, portable power source and the printed circuit board can be combined in a first configuration such that the light emitting diode is in a first state, and wherein the light emitting diode, portable power source and the printed circuit board can be combined in a second configuration such that the light emitting diode is in a second state, wherein the first state differs from the second state. Both can be displayed, resulting in a 3<sup>rd</sup> state.

6. The method of claim wherein the object is a live or artificial floral arrangement

7. The power source connectors directly mounted on the Printed Circuit Board, making it a compact design

8. The 26 Gauge steel tie wire that is coated with insulation and attached to the light emitting diode. This wire is used because of its malleable properties (firm, soft, flexible, thin wire) making it an ideal wire to bend, or to stand erect like a flower stem without side support.